

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): In a wireless communication system including a plurality of wireless transmit/receive units (WTRUs), a method of paging a plurality of WTRU users belonging to a paging group, ~~wherein user identities are provided that correlate to common paging channels and paging occasions,~~ the method comprising:

(a) activating a point-to-multipoint (PtM) service for the WTRUs ~~a plurality of wireless transmit/receive units (WTRUs)~~ within a PtM service user group;

(b) assigning ~~new~~ a new temporary user specific ~~identities~~ identity to each of the WTRUs in response to activating the PtM service, the temporary user specific identities being used to synchronize, on a common channel, WTRU specific paging occasions with WTRU user group paging occasions ~~correlating to the same physical paging channel and paging occasion associated with group paging;~~

(c) determining whether a paging occasion is associated with a PtM service or a point-to-point (PtP) service ~~selecting a physical paging channel from a list of paging channels;~~ and

(d) if the paging occasion is determined to be associated with a PtM service and a predetermined maximum number of users associated with the paging occasion is exceeded, generating a plurality of subgroup paging identities, wherein each subgroup paging identity is associated with a particular paging subgroup within the PtM service user group, a particular paging channel and a particular paging occasion ~~determining a particular paging occasion on the selected physical~~

~~paging channel, the paging occasion being identified by a unique radio frame number on the selected physical paging channel.~~

2. (currently amended): The method of claim 1 ~~wherein the selected~~ wherein a physical paging channel is selected from a list of paging channels by determining a selected paging channel number based on a substantially equivalent ~~to the~~ temporary identity mod K, where K is the number of physical paging channels that exist within ~~with~~ a cell.

3. (currently amended): The method of claim 2 ~~wherein the~~ wherein a unique radio frame number identifies a particular paging occasion on the selected physical paging channel, the unique radio frame number being determined as a function of a temporary identity div K and a discontinuous reception (DRX) cycle length is the substantially equivalent to:

$$\{\text{temporary identity div K}\} \bmod \{\text{discontinuous reception cycle length}\} + n * \{\text{discontinuous reception cycle length}\}.$$

Claims 4-11 (canceled)

12. (currently amended): A wireless communication system for paging a plurality of wireless transmit/receive unit (WTRU) users belonging to a paging group, ~~wherein user identities are provided that correlate to common paging channels and paging occasions,~~ the system comprising:

(a) means for activating a point-to-multipoint (PtM) service for ~~a plurality of wireless transmit/receive units (WTRUs)~~ the WTRUs within a PtM service user group;

(b) means for assigning ~~new~~ a new temporary user specific ~~identities~~ identity to each of the WTRUs in response to activating the PtM service, the temporary user specific identities being used to synchronize, on a common channel, WTRU specific paging occasions with WTRU user group paging occasions ~~correlating to the same physical paging channel and paging occasion associated with group paging;~~

(c) means for determining whether a paging occasion is associated with a PtM service or a point-to-point (PtP) service ~~selecting a physical paging channel from a list of paging channels;~~ and

(d) means for generating a plurality of subgroup paging identities if the paging occasion is determined to be associated with a PtM service and a predetermined maximum number of users associated with the paging occasion is exceeded, wherein each subgroup paging identity is associated with a particular paging subgroup within the PtM service user group, a particular paging channel and a particular paging occasion ~~determining a particular paging occasion on the selected physical paging channel, the paging occasion being identified by a unique radio frame number on the selected physical paging channel.~~

13. (currently amended): The system of claim 12 ~~wherein the selected~~ wherein a physical paging channel is selected from a list of paging channels by determining a selected paging channel number based on a substantially equivalent ~~to the temporary identity mod K, where K is the number of physical paging channels that exist~~ within ~~with~~ a cell.

14. (currently amended): The system of claim 13 ~~wherein the~~ wherein a unique radio frame number identifies a particular paging occasion on the selected physical paging channel, the unique radio frame number being determined as a

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function of a temporary identity div K and a discontinuous reception (DRX) cycle length is the substantially equivalent to:

$$\{\text{temporary identity div K}\} \bmod \{\text{discontinuous reception cycle length}\} + n * \{\text{discontinuous reception cycle length}\}.$$

Claims 15-18 (canceled)